

I CLAIM:

1. An apparatus for carrying loads on inclined surfaces, comprising:

a support surface adapted to fixedly support a load;

an endless track connected to the support surface and adapted to propel the apparatus on an inclined surface;

a power source for actuating the endless track;
and

an anti-roll device for increasing a length of the apparatus beyond the endless track in a direction of movement of the apparatus on the inclined surface to prevent an overturning of the apparatus when transporting loads.

2. The apparatus according to claim 1, wherein the anti-roll device is at least one arm projecting rearwardly from the apparatus in a projecting position thereof.

3. The apparatus according to claim 2, wherein the at least one arm is displaceable from a retracted position, wherein the at least one arm is retracted so as not to project from a rear end of the apparatus, and the projecting position.

4. The apparatus according to claim 3, wherein an actuation of a displacement of the at least one arm from the retracted position to the projecting position is automated as a function of an inclination of the apparatus.

5. The apparatus according to claim 1, further comprising a brake for blocking the endless track so as to prevent an unwanted displacement of the apparatus on an inclined surface.

6. The apparatus according to claim 1, further comprising a roller system with rollers selectively

deployable for displacing the apparatus without the endless track on given surfaces.

7. The apparatus according to claim 6, wherein the roller system has an actuated mechanism connected to the power source for deploying the rollers.

8. The apparatus according to claim 6, wherein the roller system has four rollers, with one roller positioned adjacent to each corner of the apparatus.

9. The apparatus according to claim 8, wherein the rollers each have a swivel mechanism.

10. The apparatus according to claim 1, wherein the support surface is pivotally displaceable with respect to a remainder of the apparatus so as to be selectively oriented for carrying a load on an inclined surface.

11. The apparatus according to claim 1, wherein the support surface is displaceable with respect to a height dimension of the apparatus, for facilitating the reception and discharge of a load thereon from or onto an elevated surface.

12. The apparatus according to claim 1, further comprising a cylindrical roller mounted to the apparatus adjacent to the support surface, for facilitating the positioning of a load onto the support surface.

13. An apparatus for carrying loads on inclined surfaces, comprising:

a support surface adapted to fixedly support a load;

an endless track connected to the support surface and adapted to propel the apparatus on an inclined surface;

a power source for actuating the endless track;
and

a cylindrical roller mounted to the apparatus adjacent to the support surface, for facilitating the positioning of a load onto the support surface.

14. The apparatus according to claim 13, further comprising a brake for blocking the endless track so as to prevent an unwanted displacement of the apparatus on an inclined surface.

15. The apparatus according to claim 13, further comprising a roller system with rollers selectively deployable for displacing the apparatus without the endless track on given surfaces.

16. The apparatus according to claim 15, wherein the a portion of the endless track is exposed beyond the support surface and adjacent to the cylindrical roller, whereby a load is conveyed by a drive of the endless track with a conveying of the cylindrical roller when the rollers are deployed.

17. The apparatus according to claim 15, wherein the roller system has four rollers, with one roller positioned adjacent to each corner of the apparatus.

18. The apparatus according to claim 17, wherein the rollers each have a swivel mechanism.

19. The apparatus according to claim 13, wherein the support surface is pivotally displaceable with respect to a remainder of the apparatus so as to be selectively oriented for carrying a load on an inclined surface.

20. The apparatus according to claim 13, wherein the support surface is displaceable with respect to a height

dimension of the apparatus, for facilitating the reception and discharge of a load thereon from or onto an elevated surface.